

FIG. 1

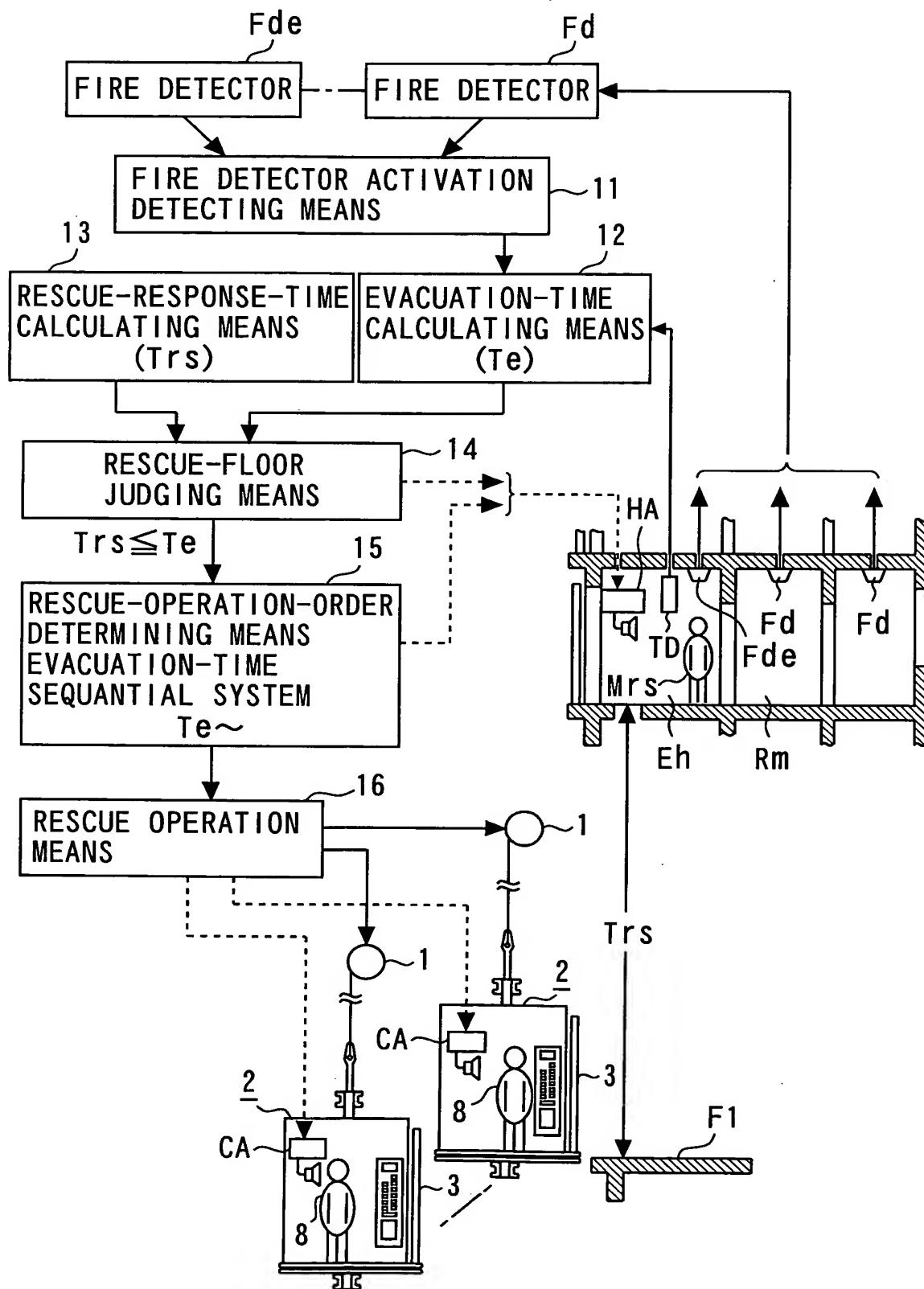
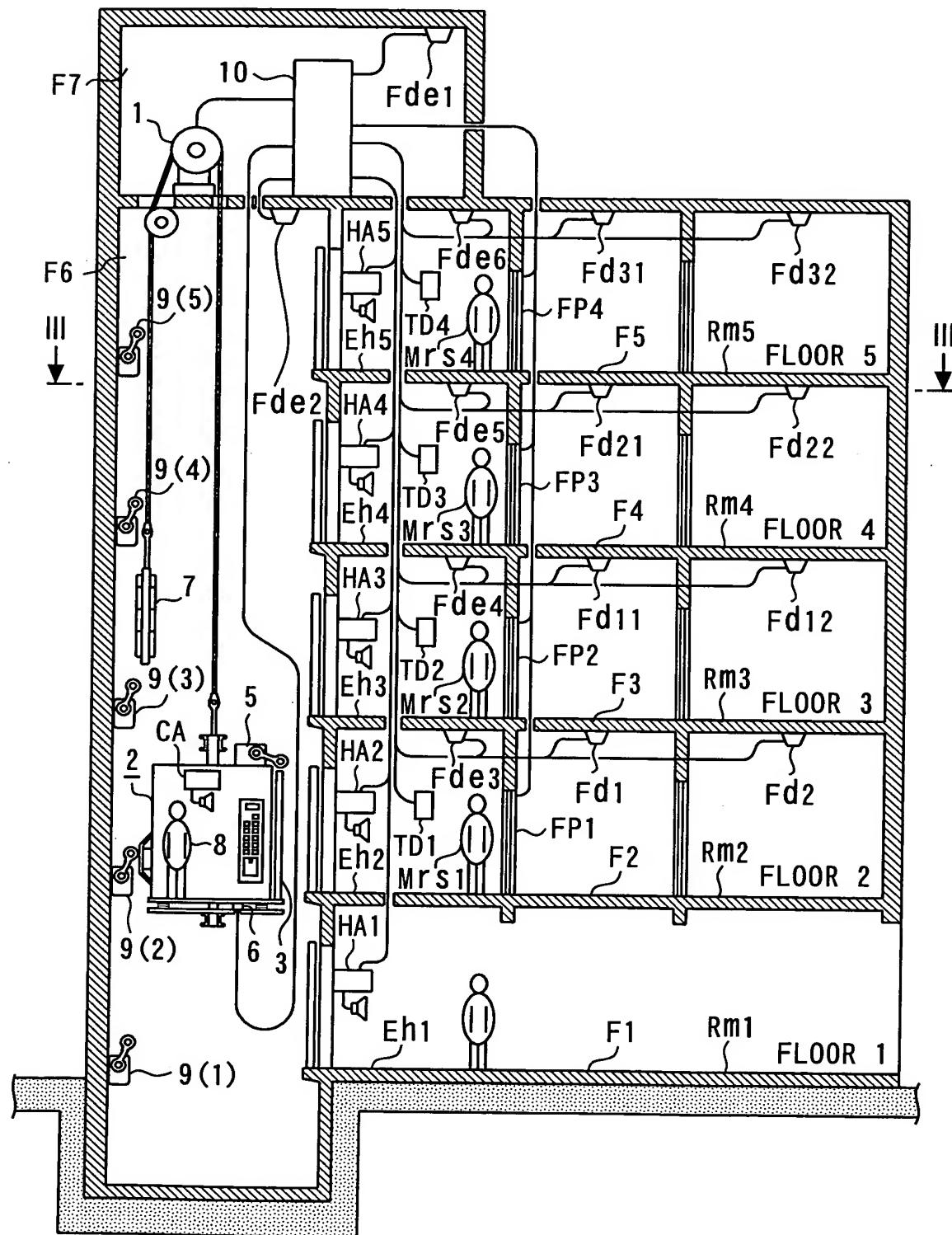
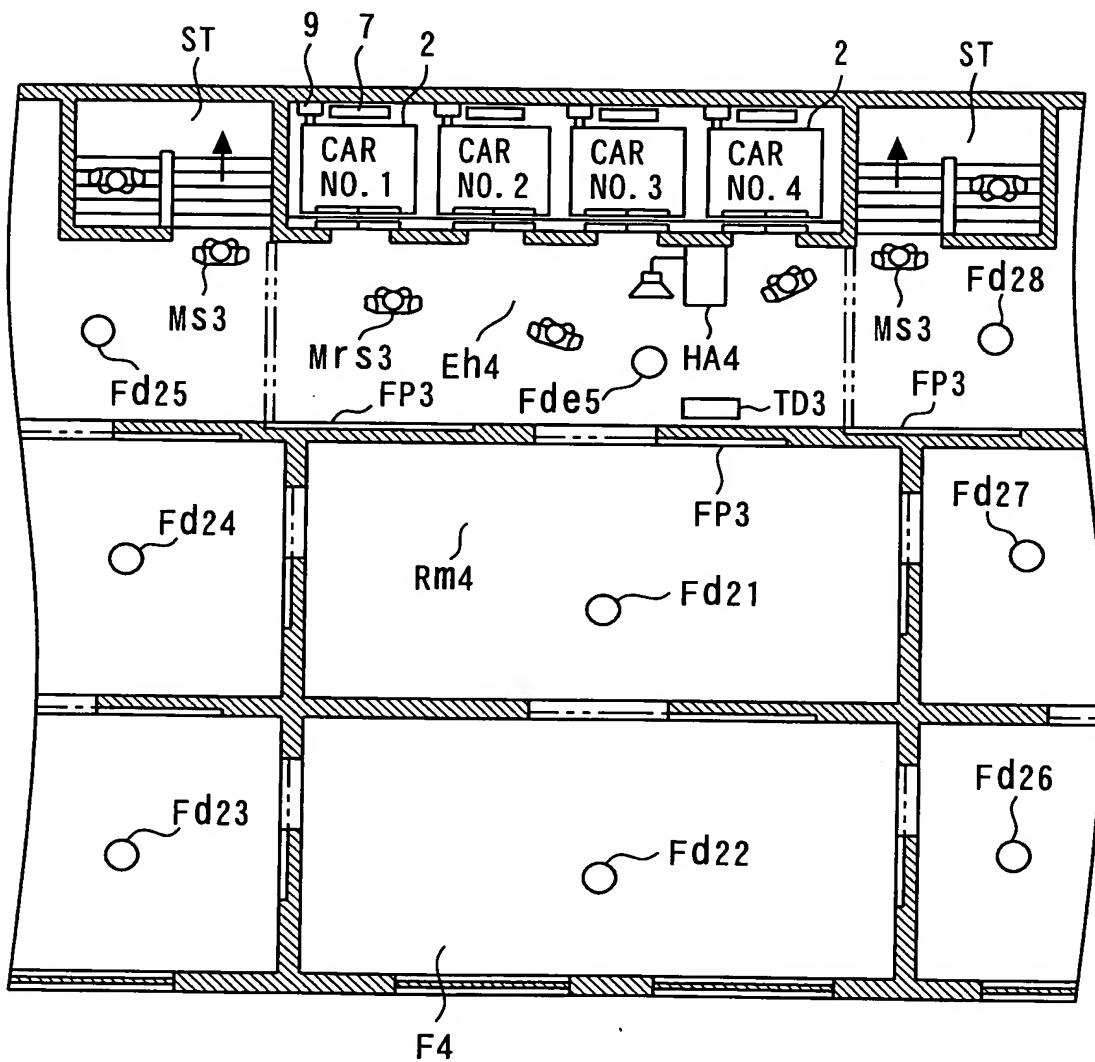


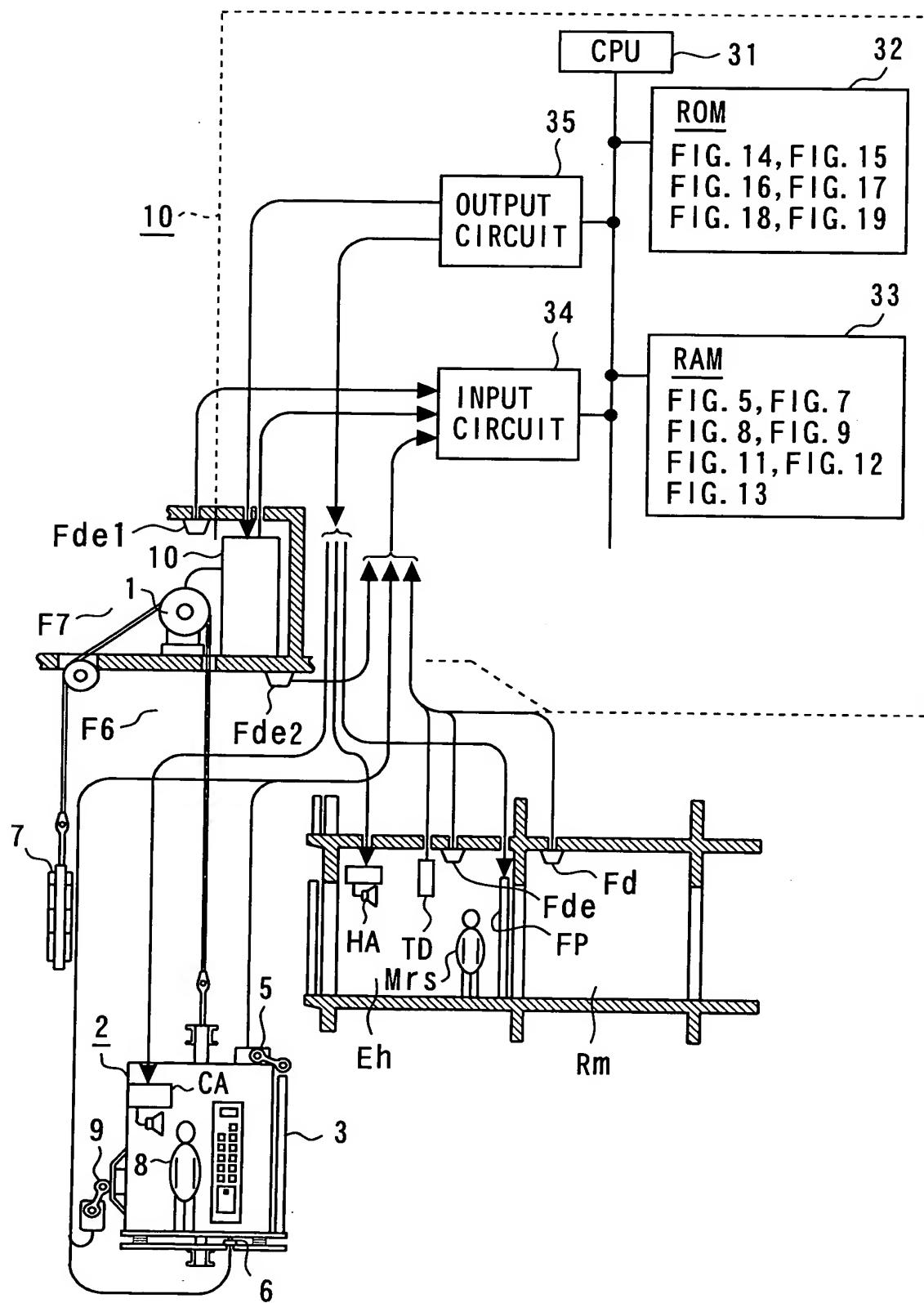
FIG. 2



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FIG. 3



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FIG. 4



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FIG. 5

MEMORY ADDRESS B+(j)	FLOOR FL(j)	ENROLLMENT Mn(j)	NUMBER OF EMERGENCY STAIRCASE-EVACUEE Ms(j)	NUMBER OF EVACUEE USED ELEVATOR Me(j)
j : 1	FLOOR2 F2	300	290	10
	FLOOR3 F3	300	250	50
	FLOOR4 F4	400	100	300
	FLOOR5 F5	300	50	250

33a : EVACUEE-NUMBER TABLE

FIG. 6

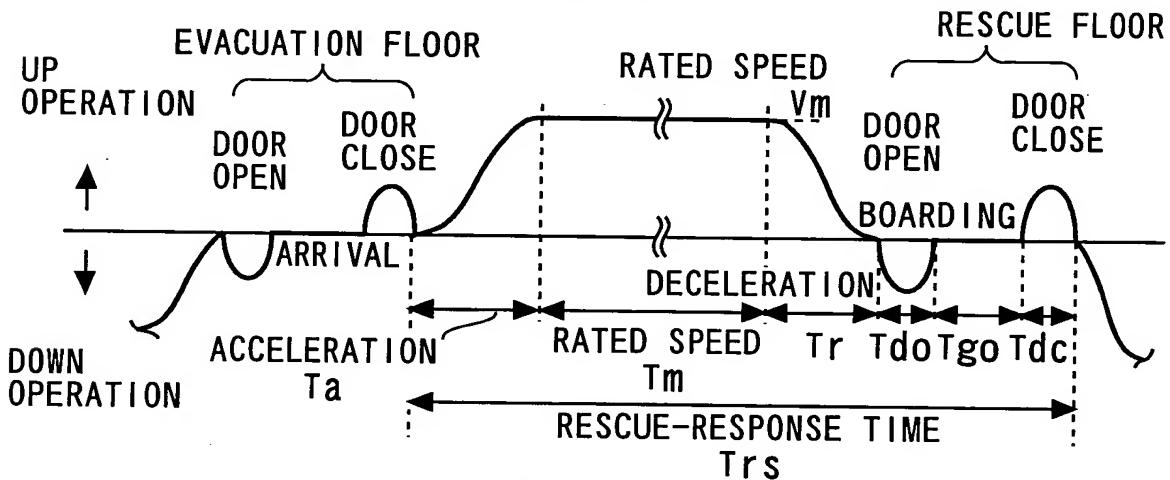


FIG. 7

RATED SPEED  $V_m = 90 \text{ m/min}$ , IN CASE OF 11PASSENGER UNIT: SECONDS

MEMORY ADDRESS G+(k)	FLOOR FL(k)	FLOOR FL(k)	DISTANCE FROM EVACUATION FLOOR Ds(k)	TIME AT ACCELERATION Ta(k)	TIME AT RATED SPEED Tm(k)	TIME AT DECELERATION Tr(k)	DOOR OPENING-CLOSING TIME Toc(k)	(Tdo+ Tdc) BOARDING TIME Tgo(k)	RESCUE RESPONSE TIME Trs(k)
							(Tdo+ Tdc) BOARDING TIME Tgo(k)		
k:1	FLOOR2 F2	3	1.5	0.5	1.5	4	9	19.5	
	FLOOR3 F3	6	1.5	2.5	1.5	4	9	24.5	
	FLOOR4 F4	9	1.5	4.5	1.5	4	9	29.5	
	FLOOR5 F5	12	1.5	6.5	1.5	4	9	34.5	

33b : RESCUE-RESPONSE-TIME TABLE

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FIG. 8

MEMORY ADDRESS	FIRE DETECTOR	FLOOR FL(g)	ACTIVATION STATE
E+(g)	Fde(g)		FNe(g)
g:1	Fde1	MACHINEROOM F7	OFF
g:2	Fde2	HOISTWAY F6	OFF
g:3	Fde3	FLOOR 2 F2	OFF
	Fde4	FLOOR 3 F3	OFF
	Fde5	FLOOR 4 F4	OFF
	Fde6	FLOOR 5 F5	OFF

33c:FIRE-DETECTOR-ACTIVATION TABLE  
(MACHINEROOM F7, HOISTWAY F6, ELEVATOR HALL Eh)

FIG. 9

MEMORY ADDRESS	FIRE DETECTOR	FLOOR FL(m)	ACTIVATION STATE
D+(m)	Fde(m)		FN(m)
m:1	Fde1	FLOOR 2 F2	OFF
	Fde2	FLOOR 2 F2	OFF
	Fde3	FLOOR 2 F2	OFF
	Fde21	FLOOR 4 F4	OFF
	Fde22	FLOOR 4 F4	ON
	Fde23	FLOOR 4 F4	ON
	Fde28	FLOOR 5 F5	OFF

33d:FIRE-DETECTOR-ACTIVATION TABLE (ROOM Rm)

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FIG. 10

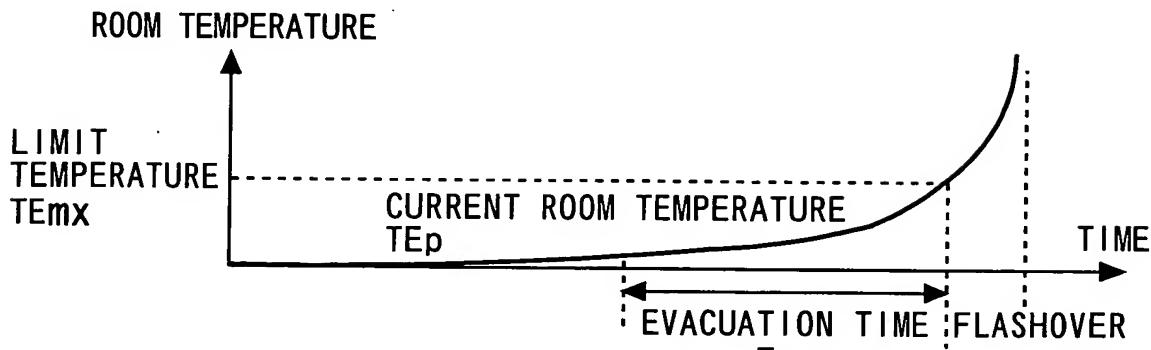


FIG. 11

MEMORY ELEVATOR CURRENT ROOM EVACUATION  
ADDRESS HALL FL(i) TEMPERATURE TIME  $T_e(i)$   
 $A+(i)$   $TE_p(i)$

i:1	FLOOR 2 F2	24°C	90MINUTES
	FLOOR 3 F3	25°C	80MINUTES
	FLOOR 4 F4	70°C	10MINUTES
	FLOOR 5 F5	50°C	20MINUTES

33e:EVACUATION-TIME TABLE

FIG. 12

MEMORY FLOOR EVACUATION  
ADDRESS FL(p) TIME  $T_e(p)$   
 $U+(p)$

p:1	FLOOR 4 F4	10MINUTES
	FLOOR 5 F5	20MINUTES
	FLOOR 3 F3	80MINUTES
	FLOOR 2 F2	90MINUTES

33f:RESCUE-OPERATION-ORDER TABLE  
(EVACUATION-TIME SEQUENTIAL)

FIG. 13

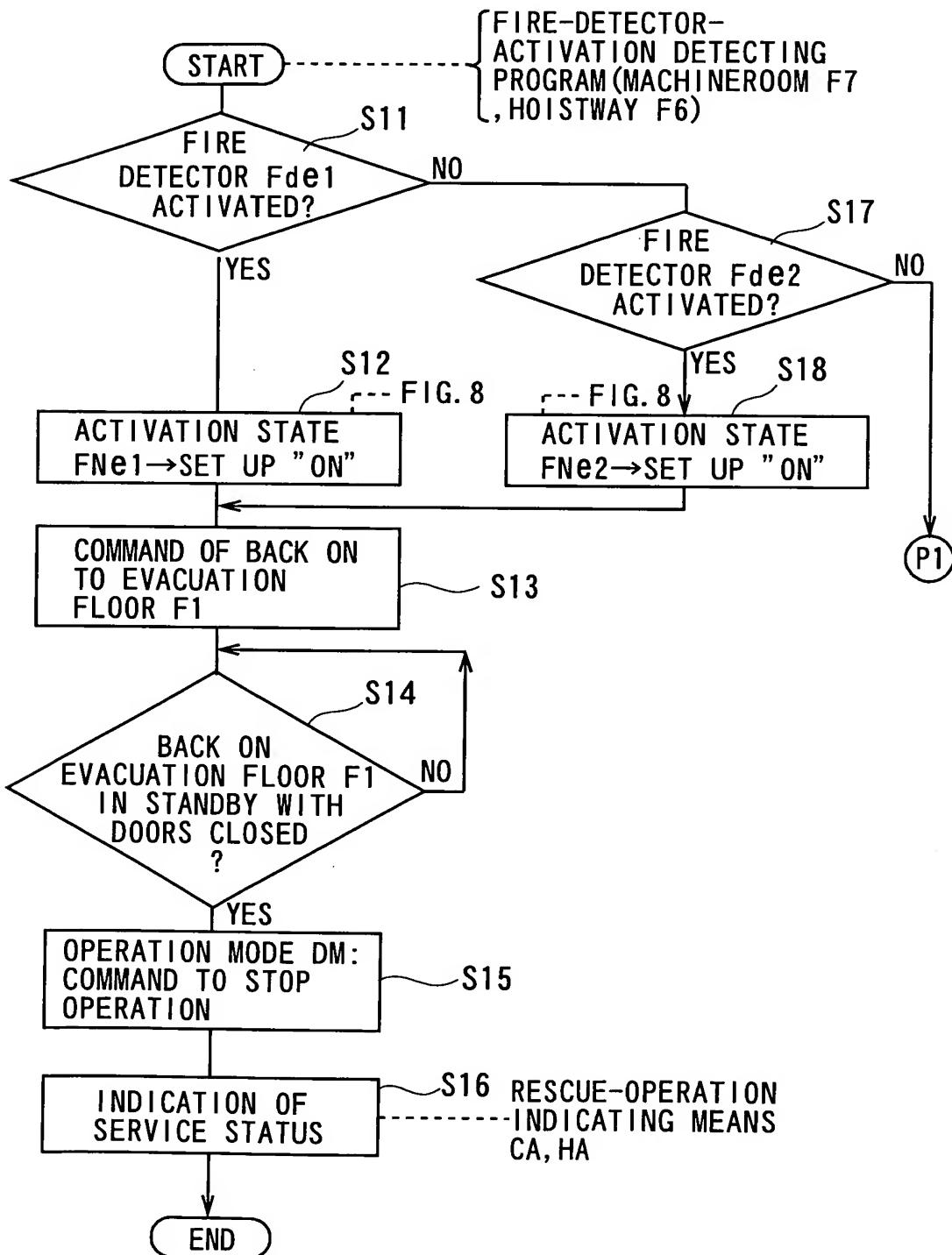
MEMORY FLOOR NUMBER OF NUMBER OF  
ADDRESS FL(h) EVACUEE USED ELEVATOR REMAINDER  
 $F+(h)$   $M_r(h)$   $M_e(h)$

h:1	FLOOR 2 F2	10	10
	FLOOR 3 F3	50	50
	FLOOR 4 F4	300	260
	FLOOR 5 F5	250	250

33g:REMAINDER-NUMBER TABLE

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FIG. 14



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FIG. 15

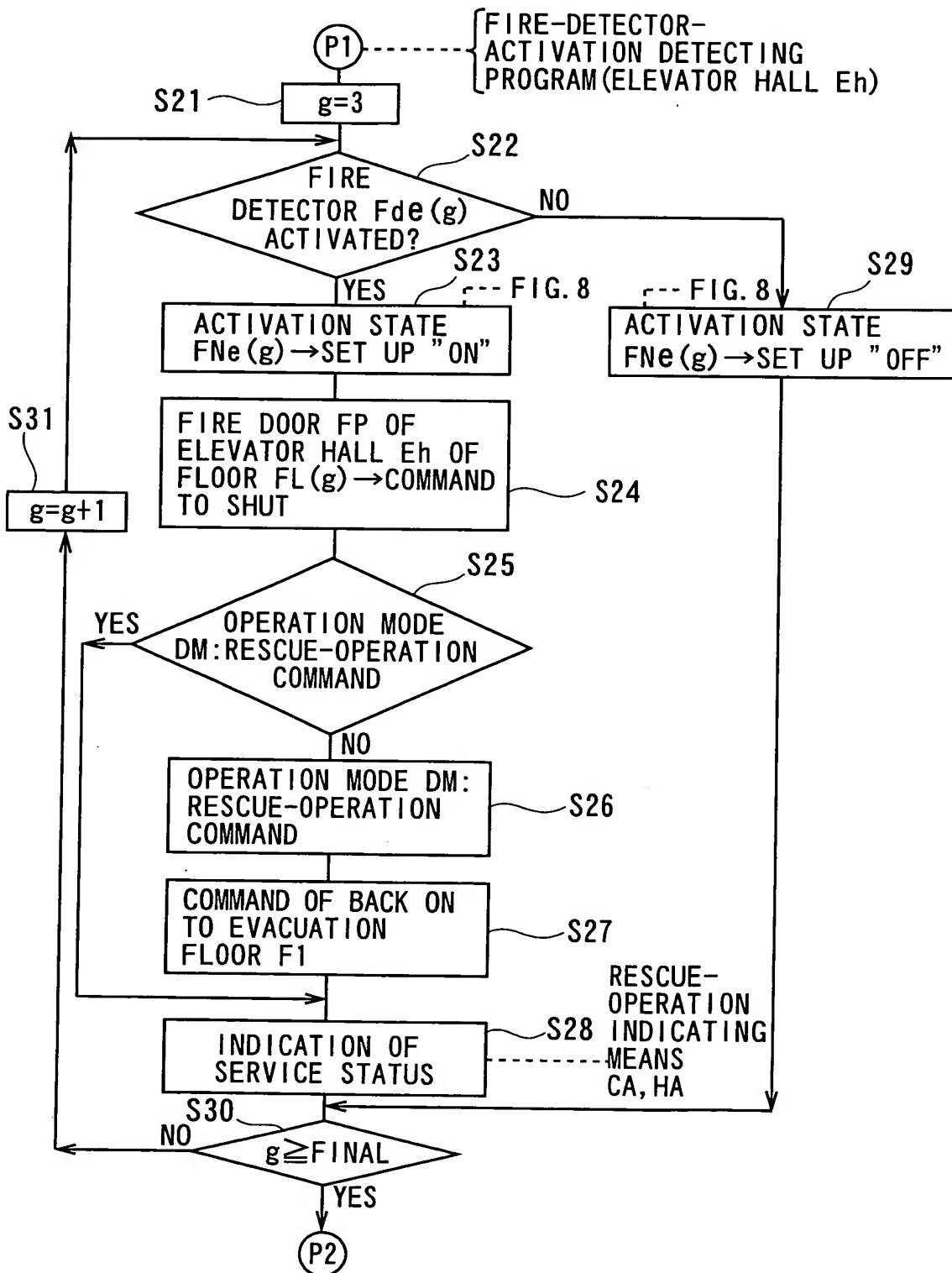
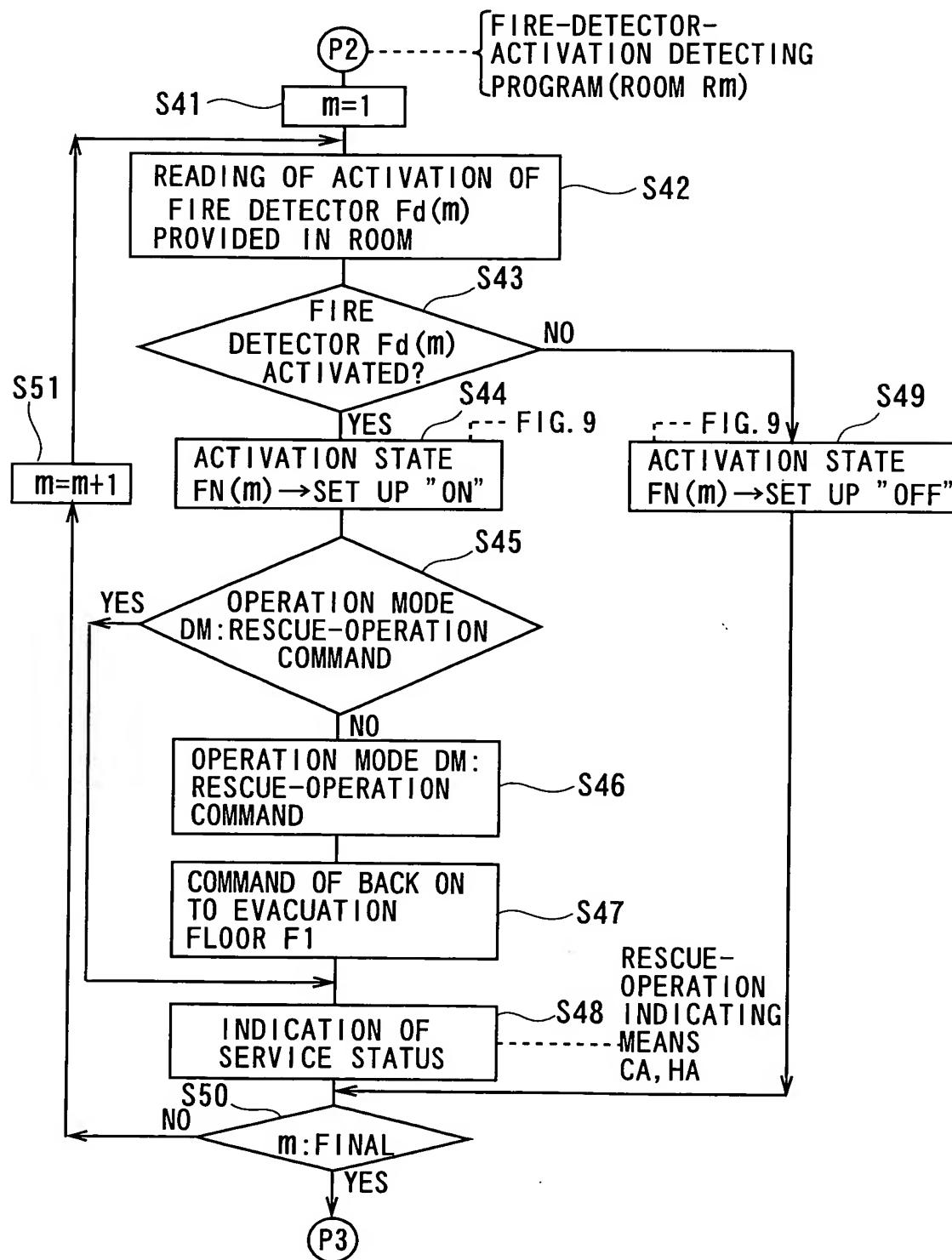
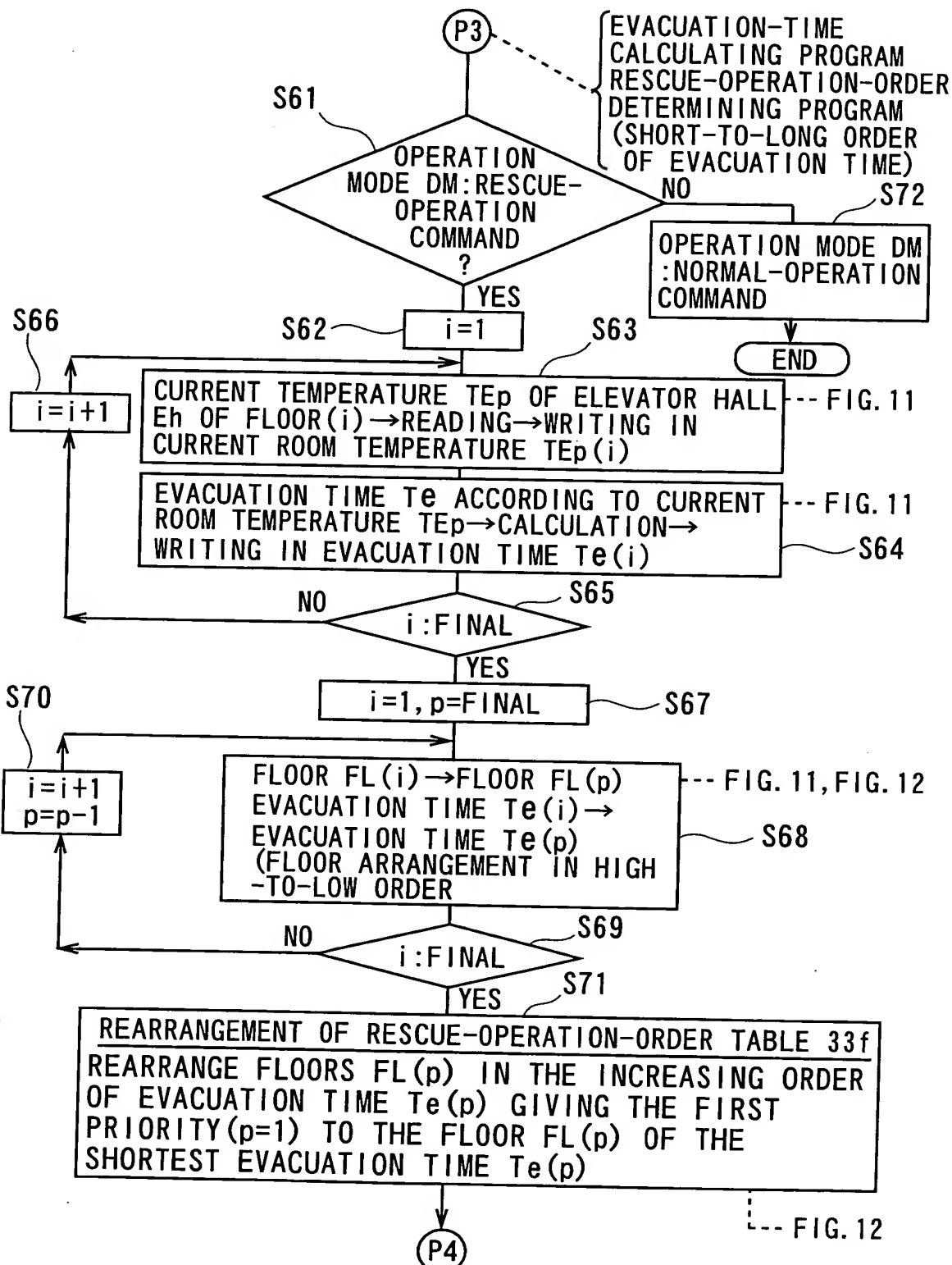


FIG. 16



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FIG. 17



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FIG. 18

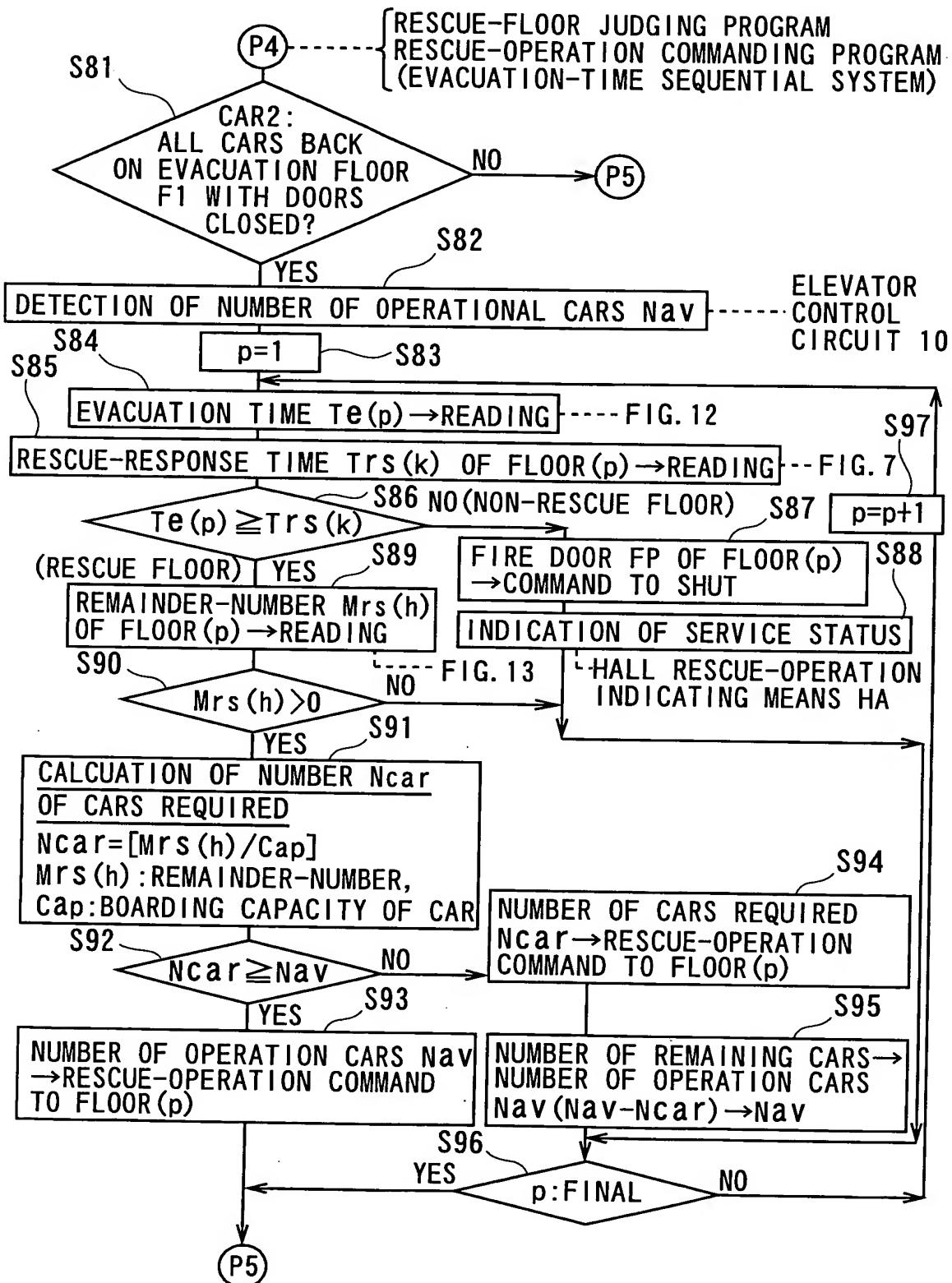
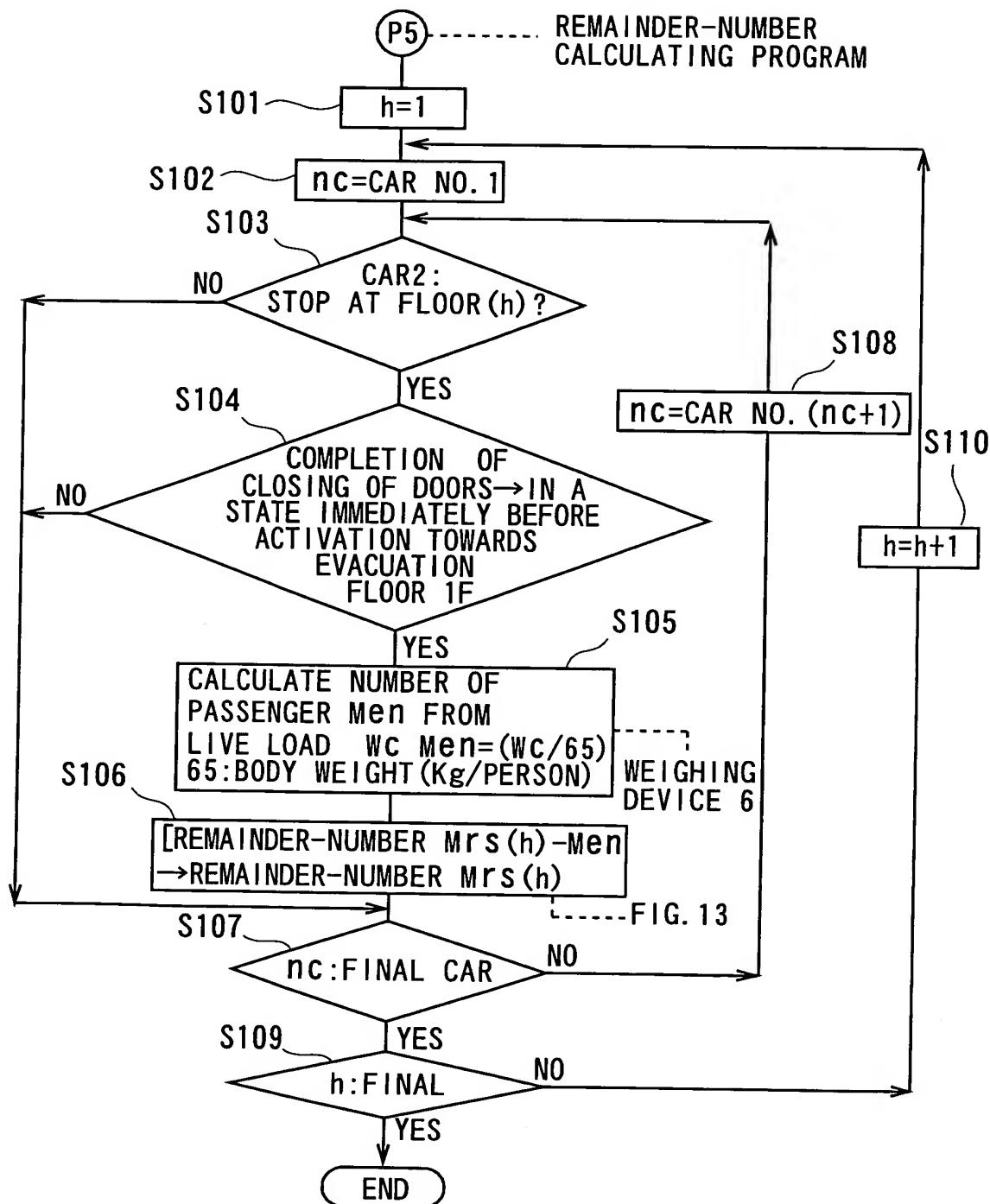
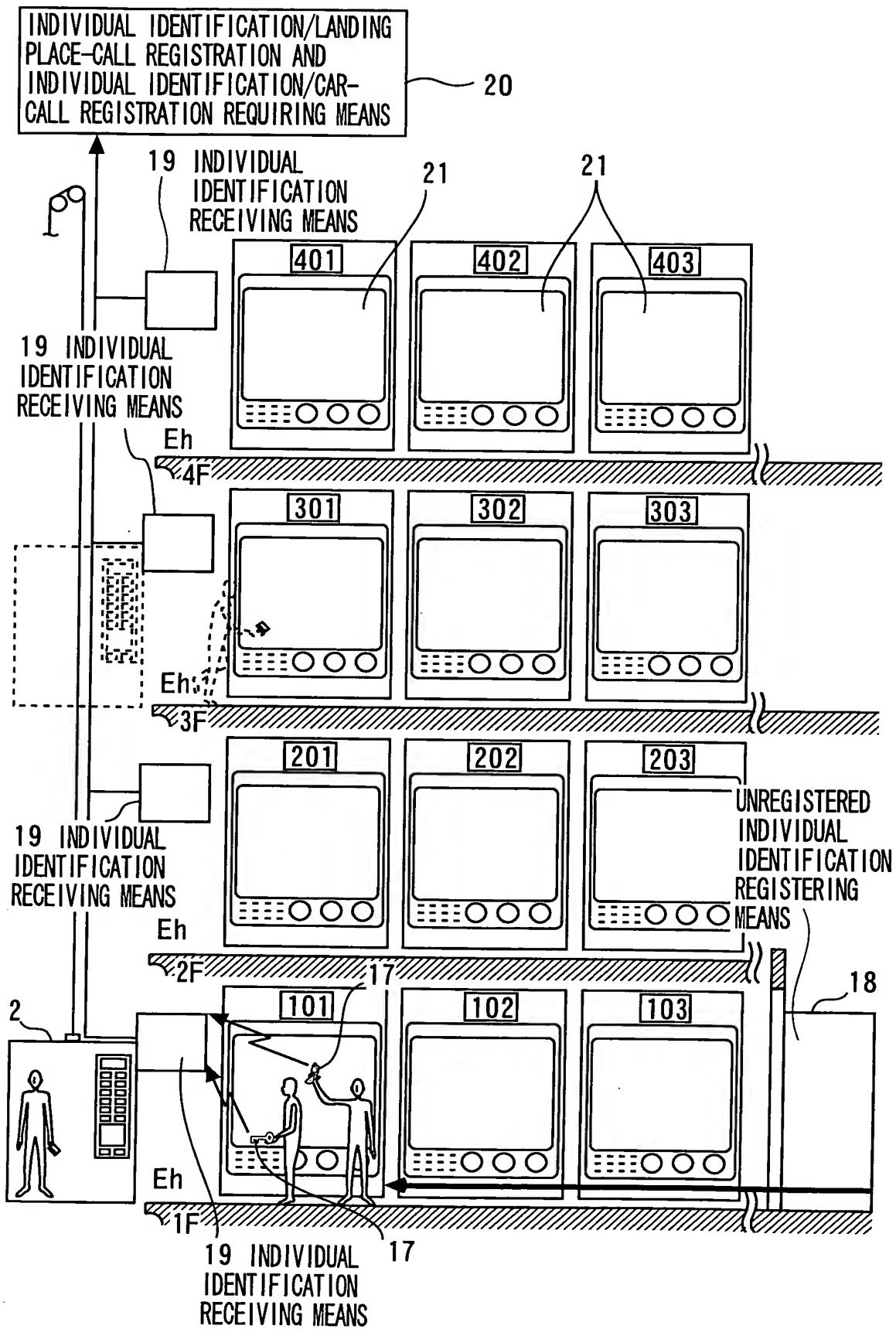


FIG. 19



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FIG. 20



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FIG. 21

